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NOTICE OF ALLOWANCE AND FEE(S) DUE

36122

7590

02/08/2008

THE OLLILA LAW GROUP LLC 2060 BROADWAY SUITE 300 BOULDER, CO 80302 EXAMINER

SANDY, ROBERT JOHN

ART UNIT PAPER NUMBER

3677

DATE MAILED: 02/08/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/688,579	10/17/2003	Alan K. Forsythe	GTDV120953	2274

TITLE OF INVENTION: KNOB ATTACHMENT ASSEMBLY

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$720	\$300	\$0	\$1020	05/08/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where m

opropriate. All further idicated unless correcte naintenance fee notifica	ed below or directed oth	g the Patent, advance on terwise in Block 1, by (a	rders and notification of specifying a new con	of ma	aintenance fees wil oondence address; a	ll be r ind/or	nailed to the current of (b) indicating a separ	correspondence address as ate "FEE ADDRESS" for
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BOULDER, CO	80302							(Depositor's name)
								(Signature)
			L					(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENT	OR	I	ATTOF	RNEY DOCKET NO.	CONFIRMATION NO.
10/688,579	10/17/2003	-	Alan K. Forsythe			(GTDV120953	2274
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nonprovisional	YES	\$720	\$300		\$0		\$1020	05/08/2008
EXAM	INER	ART UNIT	CLASS-SUBCLASS					
SANDY, RO	BERT JOHN	3677	348-110000					
Change of correspondence address or indication of "Fee Address" (37 FR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(1) the names of up or agents OR, altern (2) the name of a sin registered attorney of	f a single firm (having as a member a rney or agent) and the names of up to tent attorneys or agents. If no name is				
PLEASE NOTE: Unl recordation as set forti (A) NAME OF ASSIG	less an assignee is ident h in 37 CFR 3.11. Comp GNEE		data will appear on the T a substitute for filing (B) RESIDENCE: (CI	e pat an as	tent. If an assignee ssignment. and STATE OR CC	UNT	RY)	cument has been filed for
a. The following fee(s) a Issue Fee	are submitted:	4t	 Payment of Fee(s): (P A check is enclosed 		e first reapply any	prev	lously paid issue fee s	hown above)
☐ Publication Fee (No small entity discount permitted)			Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any					
☐ Advance Order - #	# of Copies		The Director is here overpayment, to De	eby a eposi	authorized to charge it Account Number	the r	equired fee(s), any def (enclose an	iciency, or credit any extra copy of this form).
a. Applicant claim	tus (from status indicated s SMALL ENTITY statu	is. See 37 CFR 1.27.	☐ b. Applicant is no l					
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Authorized Signature					Date			
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application. Confident bmitting the completed is form and/or suggesti	tiality is governed by 35 application form to the tons for reducing this but irginia 22313-1450. DC	U.S.C. 122 and 37 CFR USPTO. Time will vary den. should be sent to the	1.14. This collection is depending upon the in e Chief Information Of	estir divid ficer	mated to take 12 mi dual case. Any com . U.S. Patent and T	inutes iments radem	to complete, including on the amount of time ark Office, U.S. Depa	by the USPTO to process) gathering, preparing, and the you require to complete the to Commerce, P.O. or Patents, P.O. Box 1450,

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THE OLLILA L	AW GROUP LLC	SANDY, RO	BERT JOHN		
2060 BROADWA	Y		ART UNIT	PAPER NUMBER	
SUITE 300 BOULDER, CO 8	0302	3677			
DOULDLK, CO 6	0302	DATE MAILED: 02/08/2008			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
	10/688,579	FORSYTHE, ALAN K.	
Notice of Allowability	Examiner	Art Unit	
	Robert J. Sandy	3677	
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF of the Office or upon petition by the applicant. See 37 CFR 1.313	ears on the cover sheet with to (OR REMAINS) CLOSED in the or other appropriate communic IGHTS. This application is subj	he correspondence address is application. If not included ation will be mailed in due course. THIS	
1. This communication is responsive to 1-11, 13-22, 24-32, and	<u>nd 34-36</u> .		
2. The allowed claim(s) is/are			
3.	e been received. been received in Application Note the author of this communication to file a received in the second sec	this national stage application from the reply complying with the requirements NER'S AMENDMENT or NOTICE OF claration is deficient.	
Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the sheet of the sh	.84(c)) should be written on the c he header according to 37 CFR 1	lrawings in the front (not the back) of .121(d).	
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	5. ☐ Notice of Inform 6. ☐ Interview Sumin Paper No./Ma 7. ☐ Examiner's Am 8. ☐ Examiner's Sta	nal Patent Application mary (PTO-413), il Date	
	9.		

Continued Examination Under 37 CFR 1.114

Page 2

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 14 January 2008 has been entered.

EXAMINER'S COMMENT

In view of applicant's response filed 14 January 2008, where independent claims 1, 13, and 24 each have been amended to define the claimed invention(s) to further include, regarding claims 1 and 13, "wherein interference of the first engagement surface with the first interference surface couples the gripping device to the actuation member and holds the gripping device in the locked position", and regarding claim 24, "wherein engagement of the first protrusion against the limit stop and engagement of the locking member against the first projection or the first protrusion couple the gripping device to the actuation member and hold the gripping device in the locked position", and further in view of applicant's remarks on beginning of page 10 of the filed response, which have been incorporated as the reasons for allowance of all pending claims, claims 1-11, 13-22, 24-32, and 34-36 are allowed. Applicant's remarks pertaining to Shook where

"the teeth 6 and 7 of Shook do not hold the clutch member 5' in a locked position. Shook teaches that the expansible member E or spring engages an abutment for maintaining the crank C normally free of the shaft S. Shook, Pg. 1, Col. 2, 11. 96-101. Thus in Shook the crank C is normally free of the shaft S and the clutch member 5' is normally free from the clutch member 5. In fact in Shook the clutch members 5 and 5' engaged via the application of physical force by a user. In particular, a user must exert a physical force on the crank C in/he direction of clutch member 5 hat is sufficient to overcome the biasing force exerted by the spring E before the clutch member 5' will engage with the clutch member 5. Once in this position, it is the continued application of this force hat holds the clutch member 5' ha this position, rather than interference between the teeth 6 and 7. Removal of this force results in the spring E returning the clutch 5' to its normal disengaged position. In view of the foregoing, Applicant respectfully submits that Shook fails to teach or suggest a locked position, wherein the interference of the first engagement surface with the first interference surface ... holds the gripping device in the locked position, as recited in claims 1 and 13. Furthermore, in view of the foregoing, Applicant respectfully submits that Shook fails to teach or suggest a locked position, wherein engagement

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of the first protrusion against the limit stop and engagement of the locking member against the first projection or the first protrusion...hold the gripping device in the locked position, as recited in claim 24.",

is found persuasive. Therefore, the claim rejections indicated in the prior Office action each have been withdrawn.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert J. Sandy whose telephone number is 571-272-7073. The examiner can normally be reached on M-F (7:30-4:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Vic Batson can be reached on 571-272-6987. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Robert J. Sandy/ Primary Examiner, Art Unit 3677 Robert J. Sandy Primary Examiner Art Unit 3677